

What is claimed is:

1. A portable axle and tire assembly for temporary mounting to each longitudinal beam of the frame of a manufactured building to be transported over a road, the assembly comprising:

a pair of spaced-apart rims for mounting tires thereon, each rim mounted to a hub extension, which is in turn attached to a vertically aligned yolk, having an upper portion and a lower portion, the vertically aligned yolk attached at its lower portion to a corresponding end of an axle;

a pair of springs and means for clamping said pair of springs to said axle at an approximate midpoint of said springs;

a saddle assembly having front and rear transverse members spaced-apart a predetermined distance fore and aft of the axle, the saddle assembly further having opposite upright members attached to each of the front and rear transverse members so as to be configured for saddling and receiving the longitudinal beam of the frame of the manufactured building to be transported, and each upright member being interconnected with a corresponding longitudinal member at the upper end of each upright member;

an opposite end of each of the pair of springs being attached to opposite ends of the longitudinal member juxtaposed each corresponding upright member; and

means for temporarily attaching the saddle assembly to a flange of the longitudinal beam of the frame of the manufactured building to be transported.

2. The portable axle and tire assembly according to claim 1, wherein the means for temporarily attaching the saddle assembly to a flange of the longitudinal beam of the frame of the manufactured building to be transported comprises:

two tabs integrally attached to and extending from an upper surface of each transverse member of the saddle assembly, the tabs being in a spaced-apart relationship on each transverse member such that the longitudinal beam of the frame runs between said tabs, and said tabs further being aligned such that an aperture in each tab aligns with another aperture in another corresponding tab integrally attached on each side of the flange of the longitudinal beam.

3. The portable axle and tire assembly according to claim 1, wherein at least two portable axle and tire assemblies are removably attached in a spaced-apart relationship to each longitudinal beam of the frame of the manufactured building to be transported.

4. The portable axle and tire assembly according to claim 1, wherein each assembly has a load capacity of approximately 6000 lbs. to 7000 lbs.

5. A method of transporting a manufactured building over the road, the method comprising:

transporting said manufactured building using a plurality of at least two portable axle and tire assemblies removably attached in a spaced-apart relationship to each longitudinal beam of the frame of the manufactured building to be transported;

each portable axle and tire assembly comprising:

a pair of spaced-apart rims for mounting tires thereon, each rim mounted to a hub extension, which is in turn attached to a vertically aligned yolk, having an upper portion and a lower portion, the vertically aligned yolk attached at its lower portion to a corresponding end of an axle;

a pair of springs and means for clamping said pair of springs to said axle at an approximate midpoint of said springs;

a saddle assembly having front and rear transverse members spaced-apart a predetermined distance fore and aft of the axle, the saddle assembly further having opposite upright members attached to each of the front and rear transverse members so as to be configured for saddling and receiving the longitudinal beam of the frame of the manufactured building to be transported, and each upright member being interconnected with a corresponding longitudinal member at the upper end of each upright member;

an opposite end of each of the pair of springs being attached to opposite ends of the longitudinal member juxtaposed each corresponding upright member; and

means for temporarily attaching the saddle assembly to a flange of the longitudinal beam of the frame of the manufactured building to be transported.

6. The method according to claim 5, wherein the means for temporarily attaching the saddle assembly to a flange of the longitudinal beam of the frame of the manufactured building to be transported comprises:

two tabs integrally attached to and extending from an upper surface of each transverse member of the saddle assembly, the tabs being in a spaced-apart relationship on each transverse member such that the longitudinal beam of the frame runs between said tabs, and said tabs further being aligned such that an aperture in each tab aligns with another aperture in another corresponding tab integrally attached on each side of the flange of the longitudinal beam.

7. The method according to claim 5, wherein each assembly has a load capacity of approximately 6000 lbs. to 7000 lbs.